

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1-20. (canceled)
21. (currently amended) The process for the production of a low-dust spray-granulated gluconic acid, comprising the steps of:
- (a) obtaining a gluconic acid-containing solution wherein said solution is produced by the enzymatic conversion of glucose to gluconic acid, said conversion comprising providing a solution of glucose and adding to the solution from about 25 to about 30 glucose oxidase units (GOU) of soluble glucose oxidase/gram dissolved solids (ds.) of glucose in the solution and at least 1200 catalase units (CU) of soluble catalase/gram dissolved solids of glucose in the solution;
  - (b) obtaining gluconic acid crystals from the solution; and
  - (c) spray-coating the gluconic acid crystals with liquid sodium gluconate in a spray-dryer, whereby a spray-granulated gluconic acid is obtained.
22. (previously presented) The process of claim 21, wherein the gluconic acid crystals are obtained from the gluconic acid-containing solution broth by concentrating and filtering the gluconic acid-containing solution.
23. (previously presented) The process of claim 21, wherein the catalase is naturally produced by a strain of *Micrococcus lysodeikticus*.
24. (new) The process of claim 21, wherein the solution of glucose has from about 25% weight/weight (w/w) ds. of glucose to about 60% (w/w) ds. of glucose.
25. (new) The process of claim 21, wherein the solution of glucose has from about 30% (w/w) ds. of glucose to about 50% (w/w) ds. of glucose.
26. (new) The process of claim 21, wherein about 27 GOU of glucose oxidase/gram ds. of glucose is added to the solution.
27. (new) The process of claim 21, wherein at least about 1279 CU of catalase/gram ds. of glucose is added to the solution.
28. (new) The process of claim 21, wherein at least about 1559 CU of catalase/gram ds. of glucose is added to the solution.

29. (new) The process of claim 21, wherein at least about 1999 CU of catalase/gram ds. of glucose is added to the solution.
30. (new) The process of claim 21, wherein the glucose oxidase and the catalase are added to the solution of glucose in two equal doses, the first dose being added at the start of the reaction and the second dose being added halfway through the total intended time of the reaction.
31. (new) The process of claim 21, wherein the solution of glucose is maintained at a pH of from about 5 to about 7.
32. (new) The process of claim 31, wherein the solution of glucose is maintained at a pH of about 6.
33. (new) The process of claim 21, wherein the temperature of the solution of glucose is maintained at from about 25°C to about 40°C.
34. (new) The process of claim 33, wherein the temperature of the solution of glucose is maintained at from about 30°C to about 35°C.
35. (new) The process of claim 21, wherein the pressure of the solution of glucose is maintained at about 1 bar.
36. (new) The process of claim 21, further comprising maintaining an air flow through the solution during the reaction of about 1 volume gas per volume of reaction medium per minute (vvm).
37. (new) The process of claim 21, wherein the catalase is naturally produced by a microbial or mammalian source.
38. (new) The process of claim 21, wherein the catalase is naturally produced by a microbial source.
39. (new) The process of claim 21, wherein the catalase is naturally produced by a strain of the species *Aspergillus niger*.